

Product Guide**A 4020** 30W 100V Public Address Amplifier**A 4020** 30W 100V Public Address Amplifier**Overview**

Designed to meet the requirements of small to medium sized professional public address installations. It's perfect for installations requiring minimal inputs. Delivering an output power of 30W RMS, frequency response extends from 40Hz to 10kHz at a total harmonic distortion (THD) of less than 0.5%.

With one balanced microphone and two stereo line inputs, with recessed treble and bass controls.

Mic Input

A balanced 3 pin XLR is provided on the rear panel.

Aux Inputs

Dual stereo RCAs are provided on the rear panel.

VOX muting

VOX circuit on input 1 mutes input 2. Features variable sensitivity and time delay setting. Auxillary line 2 input is automatically muted when signal is received from the Mic input.

Protection Features

This unit includes thermal overload shutdown, over current and short circuit protection. Fitted with standard M205 fuse on the AC 240V input and two internal DC fuses.

Key Features

- ✓ 30 Watts RMS
- ✓ One balanced XLR mic input
- ✓ Two stereo RCA line inputs
- ✓ Output terminals for 100V line speakers
- ✓ Built in VOX muting circuit
- ✓ 240V AC or 12V DC operation
- ✓ Built in short circuit protection
- ✓ Australian designed & assembled

About Redback® Public Address Amplifiers

Redback® amplifiers are proudly designed, engineered and manufactured in Australia.

Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 30 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

Product Guide

A 4020 30W 100V Public Address Amplifier



Rear Panel



1	240V AC input	4	Auxiliary 1 RCA line input
2	100V Line speaker terminals	5	XLR 3 pin balanced mic input
3	Auxiliary 2 RCA line input	6	VOX mute sensitivity

Specifications

Electrical

Power output:	30 watts RMS
Distortion:	< 0.5% @ 1kHz
Output line:	100V line
Signal to noise ratio	Typically > 75dB
Frequency response mic :	52Hz - 10kHz, -3dB
Frequency response line:	40Hz - 10kHz, -3dB
Mic 1 sensitivity:	2.6mV balanced
Line inputs sensitivity:	150mV
240V AC power:	IEC power connector
Power supply:	240V AC
Protection:	1A AC and 3A DC x 2 internal fuses
Indicators:	Power

Controls

Volume 1:	Controls mic and aux 1 volume
Volume 2:	Controls aux 2 volume
Bass:	±10dB @ 100Hz
Treble:	±10dB @ 10kHz
VOX mute sensitivity:	-79dB cut

Mechanical

Dimensions:	300W x 220D x 74H mm
Weight:	≈4.8kg

Connections

Inputs	Mic	Aux 1, 2
	3 pin XLR fem. (balanced)	RCA Stereo

Outputs	Speakers	Headphones
	Screw terminals for 100V line speakers	3.5mm Phono